

BAY STATE WATERPROOFINGS









BAY STATE WATERPROOFINGS



WADSWORTH, HOWLAND & CO., INC.
BOSTON - MASSACHUSETTS



*Residence of E. H. Story,
1145 Hillcrest Avenue,
Pasadena, Cal.*

*Foss Designing and
Building Co., Architects
and Builders*

BAY STATE BRICK AND CEMENT COATING

THE rapidity with which cement has forged ahead as the leading building material has furnished architects, engineers and builders with a means of adding greatly to the artistic value, and at the same time to the durability of the products of their skill and ingenuity.

But cement has certain faults that seriously interfere with its desirability as a building material. It absorbs moisture, causing dis-

integration of the cement and corrosion of the reinforcements. Building interiors are frequently disfigured and made damp and uncomfortable by moisture penetrating from the outer surface. Then cement in itself is not artistic looking. The monotonous dull blue-gray is very detrimental to the appearance of buildings and dwellings.

To overcome these very serious drawbacks of cement, Bay State Brick and Cement Coating was manufactured and put upon the market. This coating is made



*Residence of D. T. Owen,
Cleveland, Ohio*

*D. T. Owen, Architect
Bay State Brick and
Cement Coating used*

from a special white base carried in volatile oils. When the coating is applied to any surface the oils evaporate, leaving only the white base. This white base incorporates itself as part of the material, resisting dampness and furnishing thorough protection to the surface upon which it is applied.

Bay State Brick and Cement Coating not only waterproofs the surface, but being made in various colors also beautifies the structure without in any way destroying the distinctive appearance of the

cement, as it dries flat and has the same appearance as cement.

SPECIFICATIONS

Where designated, all interior cement or concrete walls, ceilings, posts and columns to have one or two coats of Bay State Brick and Cement Coating, manufactured by Wadsworth, Howland & Co., Inc., Boston, Mass. This coating to be applied with a wide, flat brush without thinning. Color to be selected by the architect. Coating to come on the job in original sealed packages. Any loose par-



*Residence of Jas. G. Haaslet,
Grossepoint Village, Mich.*

*Christian W. Brandt,
Architect; The Salton
Co., Decorators; Bay
State Brick and Cement
Coating used*

ticles on the surface are to be cleaned off thoroughly with a wire brush. Also all appearances of salts are to be removed with a solution of muriatic acid, one part in ten, before the coating is applied.

EXTERIOR AND INTERIOR CONCRETE OR STUCCO

All exposed concrete or stucco surfaces to have one or two coats of Bay State Brick and Cement Coating. This coating is to be applied with a wide, flat brush without thinning unless absolutely necessary, and then thin only with pure turpentine.

Color to be selected by the architect. Coating to come on the job in original sealed packages.

All loose particles on the surface to be coated are to be cleaned off thoroughly with a wire brush. Also any appearances of salts are to be removed before coating is applied, with a solution of muriatic acid, one part in ten.

EXTERIOR AND INTERIOR BRICK

Where designated all exterior and interior surfaces to have one or two coats of Bay State Brick and

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Riverside County Court House

*James McDougal,
Painter; Bay State Brick
and Cement Coating used*

Cement Coating, manufactured by Wadsworth, Howland & Co., Inc., Boston, Mass. This coating to be applied with a wide, flat brush without thinning and well worked into the joints of the brickwork.

Color to be selected by the architect. Coating to come on the job in original sealed packages.

All loose particles on the surface to be coated are to be cleaned off thoroughly with a wire brush. Also any appearances of salts are to be removed before coating is applied, with a solution of muriatic acid, one part in ten.

BAY STATE CEMENT CRACK FILLER

Bay State Cement Crack Filler is a heavy paste suitable for knifing into cracks in walls before applying Bay State Brick and Cement Coating. It fills voids that paint could never begin to fill. It is the first-aid treatment to walls that crack.

Bay State Cement Crack Filler is of a slightly porous nature and produces an elastic surface that does not become brittle. It is easily applied and is not detectable. It has been tested out

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*Residence of A. G. Vance,
436 South Normandie Street,
Los Angeles, Cal.*

*C. C. & S. J. Chapman
Co., Builders; Bay State
Brick and Cement Coating
used*

thoroughly, and even under the most adverse conditions produces excellent results.

SPECIFICATIONS

Before painting, fill all cracks, openings, etc., with Bay State Cement Crack Filler, thoroughly worked in as far as possible. Before applying the filler all cracks should be raked out and rendered as clean as possible.

Before any painting material is put over this the filler should be thoroughly hard to the touch on the surface.

BAY STATE BELOW GRADE WATERPROOFING

Bay State Below Grade Waterproofing is a sealer of below grade cement and brick walls.

The seeping through of water in cement walls is a very common occurrence and a very disagreeable one, unless measures are taken to prevent it. This seepage is due to capillary attraction and also to the pressure of water in the ground forcing it through from the outside.

Bay State Below Grade Waterproofing is a black coating of



*Edgewater Bath House,
Cleveland, Ohio*

*F. A. Betz, Architect
Bay State Brick and
Cement Coating used*

proper brushing consistency. It is made to be applied to the outside of subterranean structural work. Being of a very elastic nature, it does not crack, blister or peel. It is non-softening. As the wall expands or contracts, this material also expands and contracts—thus eliminating the danger of water going through the cracks.

A full flowing coat should be applied, care being taken that all cracks, crevices and cavities are filled. Two coats should be used on rough walls. In extreme cases

three may be advisable. If thinning should ever be necessary, use benzine or gasoline.

Bay State Below Grade Waterproofing provides a very inexpensive treatment for below grade cement and brick walls. It prevents the formation of soluble salt in the form of white and brown powder on the inside of cement walls.

SPECIFICATIONS

All foundation walls to have on their outside surfaces below grade two coats of Bay State Below Grade Waterproofing manufac-



*Residence of Griffith O. Ellis,
555 Iroquois Avenue,
Detroit, Mich.*

*Smith, Hinchman, Grylls,
Architects; Bay State
Brick and Cement Coating
used*

tured by Wadsworth, Howland & Co., Inc., Boston, Mass.

This waterproofing to be thoroughly brushed on, care being taken to fill all cracks and joints. Allow at least twenty-four hours between coats.

Contractor to go carefully over the surface to be waterproofed with a wire brush and remove all loose sand, cement and dirt.

The waterproofing to come on the job in original sealed cans and must not be thinned.

BAY STATE STEEL PROTECTIVE COATING

Bay State Steel Protective Coating is a metal preservative. It is the result of years of research and of many practical and laboratory tests. This coating is made from the purest pigments and has proved, under conditions of the severest exposure, a most efficient rust preventive. It is adhesive, moisture proof and a resistant of acid fumes so common in railroad and manufacturing districts.

The pigments used in this product have been thoroughly

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*Works of General Electric Co.,
Fort Wayne, Ind.*

*Bay State Brick and
Cement Coating used*

tested out on the Atlantic City and Washington test fences. Here, although exposed for several years, they have withstood the severest conditions imaginable.

Bay State Steel Protective Coating is recommended for use on structural metal in buildings, bridges, subways, elevators, railway structures, smokestacks, tanks, etc.

Before applying Bay State Steel Protective Coating, surfaces should be thoroughly cleaned. Sand blasting is the most desirable method of cleaning. When this is not practicable, wire brushes

and scrapers should be used. All scales, grease and rust spots should be thoroughly removed.

Bay State Steel Protective Coating has a covering capacity of 400 square feet per gallon. It is prepared in four standard colors—rich brick Red, dark Green, dove Gray and coal Black. Where acid fumes are encountered, coal Black and dove Gray are preferable.

SPECIFICATIONS

All steel and iron work to have three coats of Bay State Steel Protective Coating manufactured by

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*Residence of Mr. M. G.
Grabam,
433 South Mariposa Street,
Los Angeles, Cal.*

*C. C. & S. J. Chapman
Co., Builders; Bay State
Brick and Cement Coating
used*

Wadsworth, Howland & Co., Inc., Boston, Mass., one coat on the metal at the shop and two coats after erection.

Color to be selected by the architect.

First two coats to be thinned to the proportion of one gallon of Bay State Steel Protective Coating to $\frac{1}{2}$ gallon pure spirits of turpentine. Last coat full weight.

First coat must not be applied over scale, grease, oil or other foreign matter.

Bay State Steel Protective Coating at shop and on job

must come in original sealed packages.

BAY STATE AGATEX

Bay State Agatex is a transparent cement floor filler. It hardens concrete floors and makes them wear-proof, dust-proof, waterproof and oil-proof. It changes a soft, porous, dusting or pitting cement floor into a smooth, hard, wear-resisting and non-porous surface that will not dust or pit.

Bay State Agatex penetrates into the surface of the concrete

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Detroit Baseball Co.—Navin Field, Trumbull and Michigan Avenues, Detroit, Mich.

*Harry J. Kean Co.,
Decorator; No. 238 Bay
State Brick and Cement
Coating used; No. 542
Bay State Steel Protective
Coating used*

floor, filling the voids, binding together the loose particles of sand and cement, and producing a non-porous, waterproof coating within the surface of the concrete floor.

Bay State Agatex renders floors resistant to chemicals and dilute acids which would ordinarily destroy them. This coating is transparent. It contains no coloring matter and only slightly changes the appearance of the cement floor.

Bay State Agatex is an exceptionally effective hardener. A

floor treated with it requires renewed treatment only at extremely long intervals.

SPECIFICATIONS

Where designated, all cement floors to have two coats of Bay State Agatex manufactured by Wadsworth, Howland & Co., Inc., Boston, Mass.

Bay State Agatex to be applied as it comes in the original package without thinning. Same to be applied with a wide, flat wall paint-brush not attached to a pole or stick.



*Residence of S. Aronson,
Los Angeles, Cal.*

*Edelman and Barnett,
Architects; Front plas-
tered with Bay State
Cement Crack Filler;
White Bay State Brick
and Cement Coating used*

If there are any spots in floor that are very porous, same spots are to be coated with Bay State Agatex until they correspond with the rest of the floor.

Bay State Agatex to come on the job in original sealed packages.

Contracting painter to see that floor is clean and free from dust before the Bay State Agatex is applied.

BAY STATE CEMENT FLOOR COATING

Bay State Cement Floor Coat-
ing overcomes the annoyance and

damage caused by the dusting of cement floors. It prevents the staining of floors by water, grease or oil, and makes an easy-walking surface. It also enables floors to be easily swept and washed.

Bay State Cement Floor Coat-
ing is made in five desirable colors.

Bay State Cement Floor Coat-
ing is designed for use in factories,
hospitals, stores, garages, schools,
creameries and all kinds of public
and private buildings.

Bay State Cement Floor Coat-
ing is very easily applied, and it
provides the maximum of protec-

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*H. Dittlinger Roller Mills Co.,
New Braunfels, Texas*

*Designed by A. E.
Baxter Eng. Appraisal
Co., Buffalo, N. Y.
Bay State Coating used*

tion to surfaces so treated. Two coats are required—the first coat as a priming coat and the second as a finish coat. A properly made cement floor treated with Bay State Cement Floor Coating makes a surface that will not dust, that is impervious to moisture and is easily kept clean and sanitary.

SPECIFICATIONS

Where designated, cement floors to have two coats of Bay State Cement Floor Coating manufactured by Wadsworth, Howland & Co., Inc., Boston,

Mass. Color to be selected by architect.

FIRST COAT

All work must be dry and free from all loose particles of concrete, dust, grease and oils, with a temperature of 70° in the room while coating.

Apply with a wide brush a full body of the "First Coat," allowing it to properly penetrate and saturate the cement, but not enough to stay out much on the surface.

"First Coat," a liquid of neutral color, is to be tinted with a



*Residence of D. T. Owen,
Cleveland, Ohio*

*D. T. Owen, Architect
Bay State Brick and
Cement Coating used*

small quantity of the "Finish Coat" (about $\frac{1}{4}$ gallon to the gallon).

When "First Coat" is applied on new work allow forty-eight hours before applying "Finish Coat."

"First Coat" is not necessary on old work that has once been treated with "First Coat."

FINISH COAT

Apply a good flowing coat of "Finish Coat," brushing only enough to flow out and distribute evenly. Use as it comes on the

job in original sealed package, keeping well stirred before and during use.

If two coats of "Finish Coat" are to be used, thin the first one with about one pint of turpentine to the gallon, and apply last coat full weight.

Allow forty-eight hours between coats.

If the finishing coat requires renewing, first touch up the worn places with a thin coat of "First Coat," and then apply one full coat of the "Finish Coat" over the entire surface.

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*Michigan Central Terminal,
Detroit, Mich.*

*Harry I. Dean Co.,
Decorator; No. 238 Bay
State Brick and Cement
Coating used; No. 542
Bay State Steel Protective
Coating used*

BAY STATE CLEAR WATERPROOFING

Bay State Clear Waterproofing, when properly applied, thoroughly waterproofs the surface without changing the original color. This material is thin enough to secure thorough penetration. At least two coats should be used, well brushed in. Sufficient porosity is maintained to allow evaporation of any moisture that is in the cement without causing peeling or without harming the waterproofing in any manner.

SPECIFICATIONS

Where designated, all cement, concrete or brick walls to have two coats of Bay State Clear Waterproofing manufactured by Wadsworth, Howland & Co., Inc., Boston, Mass.

Same to be applied as it comes in original packages without thinning, with a flat, wall paint-brush and well brushed into the joints and seams.

Bay State Clear Waterproofing to come on the job in original sealed packages.

THE various Bay State Waterproofing products described in the preceding pages are manufactured by Wadsworth, Howland & Co., Inc., Boston, Mass., the largest manufacturers of paints and varnishes in New England. A sample of any Bay State product will be gladly sent upon request. When writing be sure to designate the particular product in which you are interested, and, in the case of the Bay State Brick and Cement Coating, be sure to specify the tint desired.





